



PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET

Fast Set Urethane 530

Polyurea Hybrid

DESCRIPTION

Fast Set Urethane 530 is for use as a fast curing high build protective coating over polyurethane foam insulation, metal roofing and other suitable substrates. It may also be used as a base coat with granule for vehicular and pedestrian decks.

ADVANTAGES

- Superior Protection - forms a durable, weather resistant "rubber-like" seal.
- Excellent UV protection.
- Superior adhesive and cohesive strength.
- Reduces daily expansion and contraction (thermal cycling) of roofing substrates.
- Excellent reflective properties which help to reduce cooling costs. Prevents premature degradation.
- Superior elongation and tensile strength.
- Superior resistance to dirt pick-up.

BASIC USES

Fast Set Urethane 530 was specifically developed as a protective coating for sprayed-in-place polyurethane foam roofing. With excellent adhesion, Fast Set Urethane 530 may be used as well for protection of conventional commercial/industrial surfaces. Contact American WeatherStar for specific substrates and conditions.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

Stirring may be required to ensure uniformity of the material, particularly if products have been stored at temperatures outside of the recommended range.

Apply with plural component airless equipment. Material must be maintained at 170°F during application. For best results maintain pressures at or above 2,500 psi. May apply up to 64 mils in one pass.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.



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TECHNICAL DATA

Color:	Ivory
Tensile Strength:	2,200 psi +/-100 psi
Elongation:	225% ± 10%
Hardness:	ASTM D-2240 80 +/- 5 Shore A
Permeability:	0.02 Perm Inches
Toxicity:	Part B contains polymeric diisocyanate. High concentrations can occur in inadequately ventilated environments when this is sprayed, aerosolized or heated. In such cases, respiratory protection must be worn. Refer to MSDS for more information.
Coverage:	2 gallons per 100 sq ft = 32 dry mills 3 gallons per 100 sq ft = 48 dry mills
Recommended Coverage:	Depends on substrate. See application specifications for each surface.
Solids: Weight: Volume:	100% 100%
Flash Point:	Part A (poly): NONE Part B (iso): > 100°F
Shelf Life:	Part A: One year at 75°F to 95°F (24°C to 35°C) Part B: Six months at 75°F to 95°F (24°C to 35°C)
Cure Time:	Coating will set in 30 seconds when applied to an insulated surface. Complete cure can take several hours depending on the ambient temperature.
Clean Up:	Xylene
Energy Star Solar Reflectance:	Initial Solar Reflectance = .57 Solar Reflectance After 3 years = .45 SRI = 64

NOTE: American WeatherStar Fast Set 530 meets LEED Solar Reflectance Index (SRI) requirements and qualify for LEED certification points under the Sustainable Sites Category, Credit 7.2: Reduction of Heat Island Effect. Fast Set Urethane 530 Ivory also meets the 3 year aged testing requirements for the California Energy Commission, Energy Efficiency Standards for Residential and Nonresidential Buildings Title 24, for Solar Reflectance and Thermal Emittance.